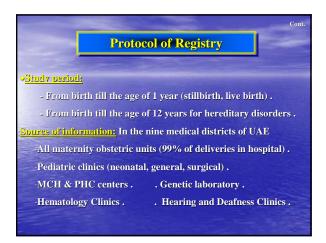
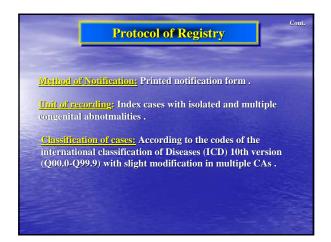


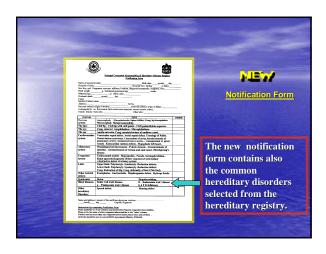


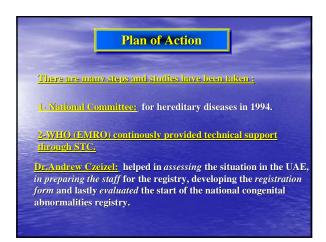


## Protocol of Registry National Congenital Abnormalities Registry (NCAR) is population based covering all births in UAE and was established in all medical districts in January 1999 Congenital abnormalities are structural defects of fetal development with necessity of medical treatment. So minor anomalies such as hydrocele and preauricular tag are excluded. Congenital Abnormalities Registry (CAR): CAR is a system of ongoing and permanent registration for the collection, storage and analysis of personal, demographic and medical data on affected neonates and infants.

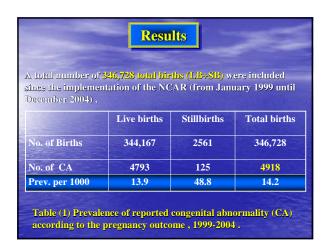


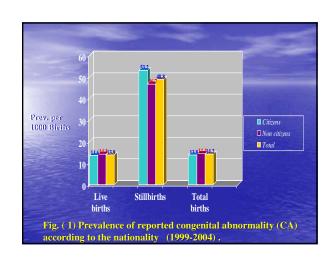












Type of CA	Pregnancy outcome				b. Cart	
		No./	Stillbirths CAs. No./		CAs	No./
	CAs,	1000	No.	1000	No.	1000
A-Isolated CAs	1318	9.1	25	32.5	1343	9.3
Neural-tube defects	140	0.9	13	16.9	153	1.1
2) Other CAs of Nervous System	72	0.5	4	5.2	76	0.5
3) CAs of Eve	14	0.1	0	0.0	14	0.1
4) CAs of Ear, Face and Neck	23	0.2	0	0.0	23	0.2
5) GAs of CVS	378	2.7	4	5.2	382	2.7
6) CAs of Respiratory System	9	0.1	0	0.0	9	0.1
7) Orofacial Cleft	86	0.6	4	5.2	90	0.6
8) CAs of Digestive System	63	0.4	0	0.0	63	0.4
9) CAs of Geneital Organs	180	1.2	0	0.0	180	1.2
10) CAs of Urinary System	90	0.6	0	0,0	90	0.6
11) Certain CAs of Muscloskeletal	95	0.7	0	0.0	95	0.7
12) Other CAs of limbs	86	0.6	0	0.0	86	0.6
13) Other CAs of Muscloskeletal	63	0.4	0	0.0	63	0.4
14) CAs of Integument	9	0.1	0	0.0	9	0.1
B-Multiple CAs	641	4.5	16	20.8	657	4.5
1) Gene CAs	131	0.9	0	0.0	131	0.9
2) Chromosomal CAs	252	1.7	0	0.0	252	1.7
3) Other Multiple CAs	14	0.1	4	5.2	18	0.1
4) Unspecified multiple CAs	244	1.7	12	15.6	256	1.8
Total	1959	13.6	41	53.2	2000	13.8

